

**AMENDMENTS TO THE SPECIFICATION**

**Please amend the paragraph beginning on line 14 of page 11 as follows:**

The YC processor 70 undertakes a Y-to-C conversion on digital image data and generates a luminance signal Y and a chrominance signal B-Y and R-Y. The memory controller 64 temporarily stores the luminance signal and the chrominance signal in the main memory 68. The compression/extension processor 78 sequentially reads the luminance signal and the chrominance signal from the main memory 68. The compression/extension processor then compresses the luminance signal and the chrominance signal. A memory card, which is one kind of the ~~optional device~~ first recording medium 76, writes through the ~~optional device~~ first recording medium controller 74 the compressed data described above (referred to as "compressed data" hereinafter).

**Please amend the paragraph beginning on line 26 of page 11 as follows:**

The processing unit 60 further includes an encoder 72. The encoder 72 inputs a luminance signal and a chrominance signal. Then, the encoder 72 converts the luminance signal and the chrominance signal into video signals such as National Television System Committee (NTSC) and Phase Alternation by Line (PAL) signals. The encoder 72 outputs the converted video signals through a video output terminal 90. In order to generate a video signal from the data recorded in the ~~optional device~~ first recording medium 76, firstly the data is

transmitted to the compression/extension processor 78 through the ~~optional device~~ first recording medium controller 74. Then, the data, which has been subjected to a necessary process by the compression/extension processor 78, is converted into a video signal by the encoder 72.

**Please amend the paragraph beginning on line 22 of page 13 as follows:**

The controller 13 includes a CPU of operation member 63, a ~~pane~~ panel driver 108, an LCD panel 104, a second recording medium controller 144, a second recording medium 146, the headphone connection terminal 96, and a later-described operation member-operating unit 111.

**Please amend the paragraph beginning on line 24 of page 14 as follows:**

The data of the second recording medium 146 and the first recording medium 76 may be transmitted to each other through the main bus 82.

**Please amend the paragraph beginning on line 29 of page 15 as follows:**

Then, after necessary processes such as signal processing and the compression of data, the captured image will be stored in the main memory 68 or the ~~optional device~~ first recording medium 76. The function setting section 116 may accept a setting such as an image playback mode or an image photograph mode other than the exchanges between the camera operation mode and the

audio operation mode. The zoom switch 118 is operated to set the zoom magnification. Examples of an operation or a function include "file format", "special effects", "photographic printing", "confirm/ save", and "display switching", which may be designated by using the remote controlling unit 111. The data selection switch 119 makes it possible to control the playback of audio data for the audio operation mode and to control the playback of video data (moving pictures) for the camera operation mode.

**Please amend the following paragraphs beginning on line 23 of page 17 as follows:**

Then, the main CPU 62 monitors the full-position state of the release switch 114. When the release switch 114 is pressed to the full-position, the shutter 26 is closed after a predetermined shutter time, and the stored electrical charge of the CCD 30 is drained to the image capturing signal processor 32. The digital image data generated by the result of the process undertaken by the image capturing signal processor 32 is output to the main bus 82. The generated digital image data is temporarily stored in the main memory 68. Then, the stored digital image data is processed at the YC processor 70 and the compression/extension processor 78. The processed digital image data is recorded in the ~~optional device~~ first recording medium 76 via the ~~optional device~~ first recording medium controller 74. The recorded digital image data is displayed on the LCD monitor

102 in the frozen state for a period of time. Therefore, a user can check the photographed image. This process completes a series of photographing operations.

If the portable multi-function apparatus 10 is in the still picture play mode, the main CPU 62 reads image data of the picture taken last time from the main memory 68 through the memory controller 64. The main CPU 62 then displays the image on the LCD monitor 102 of the display unit 100. If a user instructs "next" or "back" at the data selection switch 119, a photographed image taken before ~~and~~ or after the presently displaying image is displayed on the LCD monitor 102.

If the portable multi-function apparatus 10 is in the animation photograph mode, the main CPU 62 monitors the half-position state of the release switch 114. When the main CPU 62 detects the half-position state, the main CPU undertakes a recording quality adjustment processing as in the still picture photograph mode described above. The main CPU then monitors the full-position state of the release switch 114. When the release switch 114 is pressed to the full-position state, the stored electric charge of the CCD 30 is drained to the image capturing signal processor 32 based on the predetermined synchronized signal. Digital image data is sequentially stored in the ~~optional device~~ first recording medium 76 by undertaking the same processes as in the still picture photograph mode. At the same time, audio data obtained by the audio obtaining unit 130 is

sequentially stored in the ~~optional device~~ first recording medium 76. The main CPU 62 monitors the half-position state of the release switch 114 while recording animation. When the main CPU 62 detects the half-position state, the main CPU 62 stops recording animation and audio.

**Please amend the following paragraph beginning on line 30 of page 19 as follows:**

Since the portable multi-function apparatus 10 has the common operation member used both for the camera operation and the audio operation, it is preferable to have some alert or notification function to tell or show the user which mode the portable multi-function apparatus is in at the time of its use. The release switch 114 may gleam with light, which is differently used for different operations with different colors. For example, the release switch 114 may have a green light when the portable multi-function apparatus 10 is used as a camera and have a red light when used as an audio player. The alert or notification may be made by a specific sound. The specific sound may be sound differently ~~sound~~ for different operations. The display panel 102 or the LCD panel 104 may display some kinds of notice. The display panel 102 or the LCD panel 104 may also display only black screen to let the user know that the portable multi-function apparatus is in the audio operation mode. Moreover, when the

portable multi-function apparatus 10 is in the audio operation mode, it is preferable for the user to not be able to see the view from the finder 34.

**Please amend the following paragraph beginning on line 8 of page 21 as follows:**

The controller 13 has a controller slot ~~148~~ 142 for inserting the second recording medium 146 and a controller projection 136 used for detecting the loading of the controller 13. When the controller 13 is loaded on the main body 11, the controller projection 136 of the controller 13 comes into engagement with the controller load-detecting section 138 of the main body 11, so that the loading of the controller 13 can be detected. The actual detection may be established by various ways. For example, mechanical switch, electric connection, magnetic connection or the like may be utilized.

**Please amend the following paragraph beginning on line 30 of page 24 as follows:**

Fig. 10 is a schematic perspective view showing the exterior of the portable multi-function apparatus 10 having audio functions with a wireless operation member according to an embodiment of the present invention. The controller 13 performs as a remote controller of the functions of the portable multi-function apparatus. The controller 13 is provided with the headphone connection terminal

96, the second recording medium 146, an LCD panel 104, and the common operation members such as buttons and switches. A user may detach the controller 13 from the multi-function apparatus ~~11~~ 10 to listen to music. That is, the user may use the controller 13 as a portable music player. In addition, the controller 13 may also be provided with an operation signal transmitting output connecting to the common operation member though not shown in the figure drawings, so that an operation signal generated as a result of the operation of the common operation members is transmitted to the multi-function apparatus ~~11~~ 10. The operation signal may be transmitted to the multi-function apparatus ~~11~~ 10 through a wire or wireless.